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OM protein - protein search, using sw model

Run on: September 7, 2005, 20:03:26 ; Search time 43 Seconds
(without alignments)
8.680 Million cell updates/sec

Title: US-10-812-238B-41

Perfect score: 32

Sequence: 1 CRGDD 5

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1000 summaries

Database : Issued Patents AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	32	100.0	7	1	US-08-421-702A-17
2	32	100.0	7	1	US-08-303-052A-17
3	32	100.0	7	1	US-08-421-696A-17
4	32	100.0	7	1	US-08-421-697A-17
5	32	100.0	7	1	US-08-421-698A-17
6	32	100.0	7	2	US-08-421-695A-17
7	32	100.0	7	5	PCT-US95-04741-17
8	32	100.0	9	1	US-08-421-702A-26
9	32	100.0	9	1	US-08-421-696A-26
10	32	100.0	9	1	US-08-421-697A-26
11	32	100.0	9	1	US-08-421-698A-26
12	32	100.0	9	2	US-08-421-695A-26
13	32	100.0	9	5	PCT-US95-04741-26
14	32	100.0	233	4	US-09-360-376-55
15	32	100.0	376	4	US-09-489-039A-8789
16	32	100.0	424	4	US-09-489-039A-12030
17	32	100.0	488	4	US-09-489-039A-13164
18	29	90.6	7	1	US-08-421-702A-8
19	29	90.6	7	1	US-08-421-696A-8
20	29	90.6	7	1	US-08-421-697A-8
21	29	90.6	7	1	US-08-421-698A-8
22	29	90.6	7	2	US-08-421-695A-8
23	29	90.6	7	5	PCT-US95-04741-8
24	29	90.6	92	4	US-09-302-540-14307
25	29	90.6	105	4	US-09-489-039A-13562
26	29	90.6	357	4	US-09-248-796A-21669
27	29	90.6	639	4	US-09-252-991A-18903

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33	87.5	9	2	US-08-421-695A-27	Sequence 27, Appl
34	87.5	9	2	US-08-618-408B-59	Sequence 59, Appl
35	87.5	9	3	US-09-257-218-74	Sequence 74, Appl
36	87.5	9	3	US-09-311-760-74	Sequence 74, Appl
37	87.5	9	3	US-09-291-692-59	Sequence 59, Appl
38	87.5	9	3	US-09-561-756-112	Sequence 112, App
39	87.5	9	3	US-09-227-721-112	Sequence 112, App
40	87.5	9	4	US-08-865-579-74	Sequence 74, Appl
41	87.5	9	4	US-10-059-743-74	Sequence 74, Appl
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49	87.5	41	4	US-09-583-808-36	Sequence 36, Appl
50	87.5	42	3	US-08-817-787-34	Sequence 34, Appl
51	87.5	42	4	US-09-583-808-34	Sequence 34, Appl
52	87.5	46	3	US-09-257-218-16	Sequence 16, Appl
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55	87.5	46	4	US-10-059-749-16	Sequence 16, Appl
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58	87.5	56	4	US-09-989-903-58	Sequence 58, Appl
59	87.5	131	4	US-09-621-976-5011	Sequence 5011, Ap
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62	87.5	417	3	US-08-705-771-18	Sequence 18, Appl
63	87.5	417	4	US-09-417-540-18	Sequence 18, Appl
64	87.5	421	3	US-08-983-502-10	Sequence 10, Appl
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66	87.5	421	5	PCT-US96-10521-10	Sequence 10, Appl
67	87.5	426	4	US-09-252-991A-25316	Sequence 25316, A
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71	87.5	435	3	US-09-561-756-9	Sequence 9, Appl
72	87.5	435	3	US-09-227-721-9	Sequence 9, Appl
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87	87.5	730	3	US-08-833-391-58	Sequence 58, Appl
88	87.5	730	3	US-09-060-610-58	Sequence 58, Appl
89	87.5	730	5	PCT-US94-10151A-58	Sequence 58, Appl
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96	84.4	7	1	US-08-421-697A-68	Sequence 68, Appl
97	84.4	7	1	US-08-421-697A-91	Sequence 91, Appl
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103	27	84.4	54	4	US-09-471-276-957	Sequence 957, App	176	26	81.2	7	1	US-08-445-745-28	Sequence 28, Appl
104	27	84.4	57	1	US-08-358-160-126	Sequence 126, App	177	26	81.2	7	1	US-08-445-745-29	Sequence 29, Appl
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106	27	84.4	154	4	US-09-270-767-46510	Sequence 46510, A	179	26	81.2	7	1	US-08-421-702A-78	Sequence 78, Appl
107	27	84.4	170	4	US-09-252-991A-26152	Sequence 26152, A	180	26	81.2	7	1	US-08-421-702A-87	Sequence 87, Appl
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109	27	84.4	214	3	US-08-935-333-1	Sequence 1, Appl	182	26	81.2	7	1	US-08-421-702A-107	Sequence 107, App
110	27	84.4	219	4	US-09-050-739-14	Sequence 14, Appl	183	26	81.2	7	1	US-08-421-702A-108	Sequence 108, App
111	27	84.4	250	4	US-09-248-796A-22986	Sequence 22986, A	184	26	81.2	7	1	US-08-303-052A-27	Sequence 27, Appl
112	27	84.4	263	2	US-08-391-916A-8	Sequence 8, Appl	185	26	81.2	7	1	US-08-303-052A-37	Sequence 37, Appl
113	27	84.4	280	4	US-09-601-478-5	Sequence 5, Appl	186	26	81.2	7	1	US-08-303-052A-39	Sequence 39, Appl
114	27	84.4	280	4	US-09-601-478-8	Sequence 8, Appl	187	26	81.2	7	1	US-08-303-052A-48	Sequence 48, Appl
115	27	84.4	280	4	US-09-442-013-13	Sequence 13, Appl	188	26	81.2	7	1	US-08-303-052A-106	Sequence 106, App
116	27	84.4	280	4	US-09-513-365A-1	Sequence 1, Appl	189	26	81.2	7	1	US-08-303-052A-107	Sequence 107, App
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119	27	84.4	326	5	PT-US91-02207-4	Sequence 4, Appl	192	26	81.2	7	1	US-08-421-696A-87	Sequence 87, Appl
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122	27	84.4	603	1	US-08-190-802A-50	Sequence 50, Appl	195	26	81.2	7	1	US-08-421-696A-108	Sequence 108, App
123	27	84.4	603	3	US-08-477-346-50	Sequence 50, Appl	196	26	81.2	7	1	US-08-421-697A-45	Sequence 45, Appl
124	27	84.4	603	3	US-08-473-089-50	Sequence 50, Appl	197	26	81.2	7	1	US-08-421-697A-78	Sequence 78, Appl
125	27	84.4	605	1	US-08-487-072A-50	Sequence 50, Appl	198	26	81.2	7	1	US-08-421-697A-87	Sequence 87, Appl
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133	27	84.4	1011	4	US-09-538-092-1106	Sequence 1106, Ap	206	26	81.2	7	1	US-08-421-698A-107	Sequence 107, App
134	27	84.4	1854	3	US-09-004-838-108	Sequence 108, App	207	26	81.2	7	1	US-08-421-698A-108	Sequence 108, App
135	26	81.2	4	1	US-08-240-711-4	Sequence 4, Appl	208	26	81.2	7	2	US-08-421-695A-37	Sequence 37, Appl
136	26	81.2	4	1	US-08-457-753-4	Sequence 4, Appl	209	26	81.2	7	2	US-08-421-695A-39	Sequence 39, Appl
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138	26	81.2	5	1	US-08-212-186A-10	Sequence 10, Appl	211	26	81.2	7	2	US-08-421-695A-107	Sequence 107, App
139	26	81.2	5	1	US-08-425-238-8	Sequence 8, Appl	212	26	81.2	7	2	US-08-421-695A-108	Sequence 108, App
140	26	81.2	5	1	US-08-425-787-1	Sequence 1, Appl	213	26	81.2	7	2	US-08-421-695A-126	Sequence 126, App
141	26	81.2	5	1	US-08-425-475-1	Sequence 1, Appl	214	26	81.2	7	2	US-08-421-695A-127	Sequence 127, App
142	26	81.2	5	1	US-08-406-862-1	Sequence 1, Appl	215	26	81.2	7	2	US-08-286-861-13	Sequence 13, Appl
143	26	81.2	5	1	US-08-406-935-1	Sequence 1, Appl	216	26	81.2	7	2	US-08-286-861-14	Sequence 14, Appl
144	26	81.2	5	2	US-08-625-695A-10	Sequence 10, Appl	217	26	81.2	7	2	US-08-286-861-30	Sequence 30, Appl
145	26	81.2	5	2	US-08-335-832-42	Sequence 42, Appl	218	26	81.2	7	3	US-09-139-802-220	Sequence 220, App
146	26	81.2	5	2	US-08-753-781-35	Sequence 35, Appl	219	26	81.2	7	3	US-09-426-680-11	Sequence 11, Appl
147	26	81.2	5	2	US-08-286-861-37	Sequence 37, Appl	220	26	81.2	7	4	US-09-659-786-220	Sequence 220, App
148	26	81.2	5	3	US-09-141-127-15	Sequence 15, Appl	221	26	81.2	7	4	US-08-445-638-18	Sequence 18, Appl
149	26	81.2	5	3	US-08-524-002-10	Sequence 10, Appl	222	26	81.2	7	4	US-08-445-638-19	Sequence 19, Appl
150	26	81.2	5	4	US-09-540-448-24	Sequence 24, Appl	223	26	81.2	7	4	US-08-445-638-22	Sequence 22, Appl
151	26	81.2	5	4	US-09-243-640-22	Sequence 22, Appl	224	26	81.2	7	4	US-08-445-638-23	Sequence 23, Appl
152	26	81.2	5	4	US-08-929-847-24	Sequence 24, Appl	225	26	81.2	7	4	US-08-445-638-28	Sequence 28, Appl
153	26	81.2	5	4	US-09-813-484-24	Sequence 24, Appl	226	26	81.2	7	4	US-08-445-638-29	Sequence 29, Appl
154	26	81.2	5	4	US-10-046-801-24	Sequence 24, Appl	227	26	81.2	7	4	US-09-428-082B-444	Sequence 444, App
155	26	81.2	5	5	PT-US93-09916-1	Sequence 1, Appl	228	26	81.2	8	1	US-08-445-745-24	Sequence 24, Appl
156	26	81.2	5	5	PT-US93-09933-1	Sequence 1, Appl	229	26	81.2	8	1	US-08-445-745-39	Sequence 39, Appl
157	26	81.2	5	5	PT-US93-09963-1	Sequence 1, Appl	230	26	81.2	8	1	US-08-421-702A-22	Sequence 22, Appl
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159	26	81.2	5	6	5318899-78	Patent No. 5318899	232	26	81.2	8	1	US-08-421-702A-125	Sequence 125, App
160	26	81.2	5	6	5318899-78	Patent No. 5318899	233	26	81.2	8	1	US-08-303-052A-22	Sequence 22, Appl
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163	26	81.2	6	1	US-08-212-433A-26	Sequence 26, Appl	236	26	81.2	8	1	US-08-421-696A-97	Sequence 97, Appl
164	26	81.2	6	1	US-08-425-238-4	Sequence 4, Appl	237	26	81.2	8	1	US-08-421-696A-125	Sequence 125, App
165	26	81.2	6	2	US-08-625-695A-1	Sequence 1, Appl	238	26	81.2	8	1	US-08-421-697A-22	Sequence 22, Appl
166	26	81.2	6	2	US-08-625-695A-26	Sequence 26, Appl	239	26	81.2	8	1	US-08-421-697A-97	Sequence 97, Appl
167	26	81.2	6	2	US-08-286-861-7	Sequence 7, Appl	240	26	81.2	8	1	US-08-421-697A-125	Sequence 125, App
168	26	81.2	6	3	US-08-716-256-26	Sequence 26, Appl	241	26	81.2	8	1	US-08-421-698A-22	Sequence 22, Appl
169	26	81.2	6	3	US-08-924-002-1	Sequence 1, Appl	242	26	81.2	8	1	US-08-421-698A-97	Sequence 97, Appl
170	26	81.2	6	3	US-08-924-002-26	Sequence 26, Appl	243	26	81.2	8	1	US-08-421-698A-125	Sequence 125, App
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173	26	81.2	7	1	US-08-445-745-19	Sequence 19, Appl	246	26	81.2	8	2	US-08-421-695A-120	Sequence 120, App

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249	26	81.2	8	3	US-08-993-165-19	Sequence 19, Appl	322	26	81.2	9	4	US-09-952-768-44	Sequence 44, Appl
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252	26	81.2	8	4	US-09-540-448-19	Sequence 19, Appl	325	26	81.2	9	4	US-09-612-852A-14	Sequence 14, Appl
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255	26	81.2	8	4	US-09-424-656-5	Sequence 5, Appl	328	26	81.2	10	1	US-08-425-238-2	Sequence 2, Appl
256	26	81.2	8	4	US-09-243-640-17	Sequence 17, Appl	329	26	81.2	10	2	US-08-520-535-18	Sequence 18, Appl
257	26	81.2	8	4	US-09-243-640-18	Sequence 18, Appl	330	26	81.2	10	2	US-08-625-695A-3	Sequence 3, Appl
258	26	81.2	8	4	US-09-243-640-19	Sequence 19, Appl	331	26	81.2	10	2	US-09-079-432-18	Sequence 18, Appl
259	26	81.2	8	4	US-08-445-638-24	Sequence 24, Appl	332	26	81.2	10	2	US-08-867-541-62	Sequence 62, Appl
260	26	81.2	8	4	US-08-445-638-39	Sequence 39, Appl	333	26	81.2	10	2	US-08-286-861-5	Sequence 5, Appl
261	26	81.2	8	4	US-08-929-847-19	Sequence 19, Appl	334	26	81.2	10	2	US-08-836-786-2	Sequence 2, Appl
262	26	81.2	8	4	US-08-929-847-20	Sequence 20, Appl	335	26	81.2	10	3	US-08-893-526A-32	Sequence 32, Appl
263	26	81.2	8	4	US-08-929-847-21	Sequence 21, Appl	336	26	81.2	10	3	US-08-924-002-3	Sequence 3, Appl
264	26	81.2	8	4	US-09-813-484-19	Sequence 19, Appl	337	26	81.2	10	3	US-09-074-658-62	Sequence 62, Appl
265	26	81.2	8	4	US-09-813-484-20	Sequence 20, Appl	338	26	81.2	10	3	US-09-010-290-6	Sequence 6, Appl
266	26	81.2	8	4	US-09-813-484-21	Sequence 21, Appl	339	26	81.2	10	4	US-09-424-656-6	Sequence 6, Appl
267	26	81.2	8	4	US-10-046-801-19	Sequence 19, Appl	340	26	81.2	11	2	US-08-717-169-17	Sequence 17, Appl
268	26	81.2	8	4	US-10-046-801-20	Sequence 20, Appl	341	26	81.2	11	2	US-08-286-861-10	Sequence 10, Appl
269	26	81.2	8	4	US-10-046-801-21	Sequence 21, Appl	342	26	81.2	11	3	US-09-139-802-16	Sequence 16, Appl
270	26	81.2	8	5	PCT-US95-04741-22	Sequence 22, Appl	343	26	81.2	11	4	US-09-315-127-22	Sequence 22, Appl
271	26	81.2	9	1	US-08-421-702A-93	Sequence 93, Appl	344	26	81.2	11	4	US-09-424-656-7	Sequence 7, Appl
272	26	81.2	9	1	US-08-482-106-12	Sequence 12, Appl	345	26	81.2	11	4	US-09-424-656-8	Sequence 8, Appl
273	26	81.2	9	1	US-08-303-052A-50	Sequence 50, Appl	346	26	81.2	11	4	US-09-228-901A-17	Sequence 9, Appl
274	26	81.2	9	1	US-08-421-696A-93	Sequence 93, Appl	347	26	81.2	11	4	US-09-659-786-16	Sequence 16, Appl
275	26	81.2	9	1	US-08-665-220-44	Sequence 44, Appl	348	26	81.2	11	4	US-09-659-786-16	Sequence 16, Appl
276	26	81.2	9	1	US-08-421-697A-93	Sequence 93, Appl	349	26	81.2	11	4	US-08-926-914-16	Sequence 16, Appl
277	26	81.2	9	1	US-08-421-698A-93	Sequence 93, Appl	350	26	81.2	12	2	US-08-701-124-79	Sequence 79, Appl
278	26	81.2	9	2	US-08-701-124-3	Sequence 3, Appl	351	26	81.2	12	2	US-09-130-225-79	Sequence 79, Appl
279	26	81.2	9	2	US-08-701-124-4	Sequence 4, Appl	352	26	81.2	12	3	US-09-455-061-79	Sequence 79, Appl
280	26	81.2	9	2	US-08-421-695A-50	Sequence 50, Appl	353	26	81.2	12	4	US-09-424-656-10	Sequence 10, Appl
281	26	81.2	9	2	US-08-618-408B-44	Sequence 44, Appl	354	26	81.2	12	4	US-09-969-192-79	Sequence 79, Appl
282	26	81.2	9	2	US-08-286-861-15	Sequence 15, Appl	355	26	81.2	12	3	US-09-258-754-118	Sequence 118, Appl
283	26	81.2	9	2	US-08-286-861-16	Sequence 16, Appl	356	26	81.2	13	3	US-09-042-107-118	Sequence 118, Appl
284	26	81.2	9	2	US-08-286-861-17	Sequence 17, Appl	357	26	81.2	13	3	US-09-426-680-5	Sequence 5, Appl
285	26	81.2	9	2	US-08-286-861-18	Sequence 18, Appl	358	26	81.2	13	3	US-09-426-680-8	Sequence 8, Appl
286	26	81.2	9	2	US-08-286-861-33	Sequence 33, Appl	359	26	81.2	13	4	US-09-722-250D-118	Sequence 118, Appl
287	26	81.2	9	2	US-08-286-861-34	Sequence 34, Appl	360	26	81.2	13	4	US-09-676-475A-118	Sequence 118, Appl
288	26	81.2	9	3	US-09-026-633-1	Sequence 1, Appl	361	26	81.2	14	2	US-08-701-124-68	Sequence 68, Appl
289	26	81.2	9	3	US-09-130-225-3	Sequence 3, Appl	362	26	81.2	14	3	US-09-130-225-68	Sequence 68, Appl
290	26	81.2	9	3	US-09-130-225-4	Sequence 4, Appl	363	26	81.2	14	3	US-09-455-061-68	Sequence 68, Appl
291	26	81.2	9	3	US-09-124-671-33	Sequence 33, Appl	364	26	81.2	14	4	US-09-101-751A-93	Sequence 93, Appl
292	26	81.2	9	3	US-09-258-754-211	Sequence 211, Appl	365	26	81.2	14	4	US-09-658-517C-16	Sequence 16, Appl
293	26	81.2	9	3	US-09-139-802-1	Sequence 1, Appl	366	26	81.2	14	4	US-09-658-517C-17	Sequence 17, Appl
294	26	81.2	9	3	US-09-042-107-211	Sequence 211, Appl	367	26	81.2	14	4	US-09-969-192-68	Sequence 68, Appl
295	26	81.2	9	3	US-09-257-218-56	Sequence 56, Appl	368	26	81.2	14	4	US-09-949-474A-16	Sequence 16, Appl
296	26	81.2	9	3	US-09-311-760-56	Sequence 56, Appl	369	26	81.2	14	4	US-09-949-474A-17	Sequence 17, Appl
297	26	81.2	9	3	US-09-320-424-20	Sequence 20, Appl	370	26	81.2	15	2	US-08-701-124-31	Sequence 31, Appl
298	26	81.2	9	3	US-09-291-692-44	Sequence 44, Appl	371	26	81.2	15	2	US-08-553-257A-16	Sequence 16, Appl
299	26	81.2	9	3	US-09-426-680-12	Sequence 12, Appl	372	26	81.2	15	3	US-09-130-225-31	Sequence 31, Appl
300	26	81.2	9	3	US-09-455-061-3	Sequence 3, Appl	373	26	81.2	15	3	US-09-426-680-1	Sequence 1, Appl
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302	26	81.2	9	3	US-09-561-756-94	Sequence 94, Appl	375	26	81.2	15	3	US-09-455-061-31	Sequence 31, Appl
303	26	81.2	9	3	US-09-227-721-94	Sequence 94, Appl	376	26	81.2	15	4	US-09-315-127-21	Sequence 21, Appl
304	26	81.2	9	4	US-09-174-943-8	Sequence 8, Appl	377	26	81.2	15	4	US-09-441-992-16	Sequence 16, Appl
305	26	81.2	9	4	US-09-315-127-18	Sequence 18, Appl	378	26	81.2	15	4	US-09-969-192-31	Sequence 31, Appl
306	26	81.2	9	4	US-08-865-579-56	Sequence 56, Appl	379	26	81.2	18	3	US-09-326-039-16	Sequence 16, Appl
307	26	81.2	9	4	US-09-659-786-1	Sequence 1, Appl	380	26	81.2	20	3	US-08-857-076-27	Sequence 27, Appl
308	26	81.2	9	4	US-09-825-563-20	Sequence 20, Appl	381	26	81.2	21	2	US-09-450-972-2	Sequence 2, Appl
309	26	81.2	9	4	US-10-059-749-56	Sequence 56, Appl	382	26	81.2	23	2	US-08-701-124-5	Sequence 5, Appl
310	26	81.2	9	4	US-09-954-617-1	Sequence 1, Appl	383	26	81.2	23	3	US-09-130-225-5	Sequence 5, Appl
311	26	81.2	9	4	US-09-954-697-94	Sequence 94, Appl	384	26	81.2	23	3	US-09-455-061-5	Sequence 5, Appl
312	26	81.2	9	4	US-09-722-250D-211	Sequence 211, Appl	385	26	81.2	23	4	US-09-450-972-5	Sequence 5, Appl
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316	26	81.2	9	4	US-09-428-082B-450	Sequence 450, Appl	389	26	81.2	24	3	US-09-455-061-49	Sequence 49, Appl
317	26	81.2	9	4	US-09-428-082B-451	Sequence 451, Appl	390	26	81.2	24	3	US-09-347-504-8	Sequence 8, Appl
318	26	81.2	9	4	US-09-428-082B-452	Sequence 452, Appl	391	26	81.2	24	4	US-08-902-572-10	Sequence 10, Appl
319	26	81.2	9	4	US-09-428-082B-1076	Sequence 1076, Appl	392	26	81.2	24	4	US-09-969-192-49	Sequence 49, Appl

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396	26	81.2	27	4	US-09-424-656-2	Sequence 2, Appli	469	26	81.2	307	2	US-08-918-206-1	Sequence 1, Appli
397	26	81.2	27	4	US-09-424-656-4	Sequence 4, Appli	470	26	81.2	307	4	US-09-902-540-11075	Sequence 11075, A
398	26	81.2	27	4	US-09-482-273-233	Sequence 253, App	471	26	81.2	308	4	US-09-710-279-1732	Sequence 1732, Ap
399	26	81.2	28	4	US-09-424-656-1	Sequence 1, Appli	472	26	81.2	309	3	US-09-134-001C-3039	Sequence 3039, Ap
400	26	81.2	30	1	US-07-865-166A-1	Sequence 1, Appli	473	26	81.2	311	2	US-08-391-916A-6	Sequence 6, Appli
401	26	81.2	35	3	US-08-857-076-30	Sequence 30, Appli	474	26	81.2	314	4	US-10-101-464A-728	Sequence 728, App
402	26	81.2	39	3	US-09-326-039-3	Sequence 3, Appli	475	26	81.2	316	4	US-09-252-991A-32825	Sequence 32825, A
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405	26	81.2	45	6	5240706-3	Patent No. 5240706	478	26	81.2	320	4	US-09-806-658-2	Sequence 2, Appli
406	26	81.2	46	3	US-09-257-218-13	Sequence 13, Appli	479	26	81.2	321	4	US-09-252-991A-29986	Sequence 29986, A
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409	26	81.2	46	4	US-10-059-749-13	Sequence 13, Appli	482	26	81.2	330	1	US-08-118-270-21	Sequence 21, Appli
410	26	81.2	50	4	US-09-621-976-7289	Sequence 7289, Ap	483	26	81.2	330	4	US-09-489-039A-14043	Sequence 14043, A
411	26	81.2	63	3	US-09-326-039-2	Sequence 2, Appli	484	26	81.2	330	5	PCT-US93-08528-21	Sequence 21, Appli
412	26	81.2	76	4	US-09-252-991A-18582	Sequence 18582, A	485	26	81.2	334	1	US-08-118-270-22	Sequence 22, Appli
413	26	81.2	84	4	US-09-248-796A-26011	Sequence 26011, A	486	26	81.2	334	5	PCT-US93-08528-22	Sequence 22, Appli
414	26	81.2	89	4	US-10-101-464A-798	Sequence 798, App	487	26	81.2	337	3	US-08-757-669A-1	Sequence 1, Appli
415	26	81.2	94	4	US-09-198-452A-1290	Sequence 1290, Ap	488	26	81.2	337	3	US-09-230-637-22	Sequence 22, Appli
416	26	81.2	100	4	US-09-621-976-6277	Sequence 6277, Ap	489	26	81.2	337	3	US-09-230-371A-1	Sequence 1, Appli
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420	26	81.2	127	2	US-08-162-146-3	Sequence 2, Appli	493	26	81.2	340	3	US-09-232-197-1	Sequence 1, Appli
421	26	81.2	127	3	US-09-314-127-3	Sequence 3, Appli	494	26	81.2	340	3	US-09-232-201-1	Sequence 1, Appli
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423	26	81.2	137	4	US-09-621-976-4095	Sequence 4095, Ap	496	26	81.2	343	4	US-08-252-991A-24630	Sequence 24630, A
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430	26	81.2	176	3	US-09-232-446B-6	Sequence 6, Appli	503	26	81.2	374	2	US-07-857-224B-81	Sequence 81, Appli
431	26	81.2	183	4	US-09-252-991A-23433	Sequence 23433, A	504	26	81.2	374	4	US-09-252-991A-17863	Sequence 17863, A
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434	26	81.2	193	4	US-09-107-532A-6383	Sequence 6383, Ap	507	26	81.2	382	2	US-09-949-016-10513	Sequence 10513, A
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436	26	81.2	205	3	US-09-247-155-122	Sequence 122, App	509	26	81.2	383	4	US-09-764-803B-23	Sequence 23, Appli
437	26	81.2	215	3	US-09-240-410-4	Sequence 4, Appli	510	26	81.2	384	4	US-09-252-991A-31756	Sequence 31756, A
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441	26	81.2	237	4	US-09-543-681A-5471	Sequence 5471, Ap	514	26	81.2	393	4	US-09-198-452A-473	Sequence 473, App
442	26	81.2	237	4	US-09-270-767-31822	Sequence 31822, A	515	26	81.2	393	4	US-09-438-185A-450	Sequence 450, App
443	26	81.2	237	4	US-09-270-767-47039	Sequence 47039, A	516	26	81.2	397	4	US-09-252-991A-18709	Sequence 18709, A
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445	26	81.2	243	4	US-09-834-759-507	Sequence 507, App	518	26	81.2	404	1	US-08-242-663A-2	Sequence 2, Appli
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447	26	81.2	252	4	US-09-252-991A-24259	Sequence 24259, A	520	26	81.2	404	2	US-08-450-130A-1	Sequence 1, Appli
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449	26	81.2	254	4	US-09-252-991A-21292	Sequence 21292, A	522	26	81.2	404	2	US-08-573-890-2	Sequence 2, Appli
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451	26	81.2	258	4	US-10-101-464A-723	Sequence 723, App	524	26	81.2	404	3	US-08-258-287B-39	Sequence 39, Appli
452	26	81.2	259	6	5223425-2	Patent No. 5223425	525	26	81.2	404	3	US-08-368-704C-39	Sequence 39, Appli
453	26	81.2	259	6	5223425-2	Patent No. 5223425	526	26	81.2	404	3	US-08-954-536-18	Sequence 18, Appli
454	26	81.2	260	6	5223425-10	Patent No. 5223425	527	26	81.2	404	3	US-09-039-657-2	Sequence 2, Appli
455	26	81.2	260	6	5223425-10	Patent No. 5223425	528	26	81.2	404	3	US-08-748-547-2	Sequence 2, Appli
456	26	81.2	265	4	US-09-252-991A-32218	Sequence 32218, A	529	26	81.2	404	3	US-08-908-436-3	Sequence 3, Appli
457	26	81.2	272	3	US-09-069-023-24	Sequence 24, Appli	530	26	81.2	404	3	US-09-248-179-2	Sequence 2, Appli
458	26	81.2	278	4	US-09-248-796A-16036	Sequence 16036, A	531	26	81.2	404	3	US-09-069-023-30	Sequence 30, Appli
459	26	81.2	279	4	US-09-252-991A-18598	Sequence 18598, A	532	26	81.2	404	3	US-09-561-756-6	Sequence 6, Appli
460	26	81.2	279	4	US-09-252-991A-19165	Sequence 19165, A	533	26	81.2	404	3	US-09-227-721-6	Sequence 6, Appli
461	26	81.2	279	4	US-09-328-352-7144	Sequence 7144, Ap	534	26	81.2	404	3	US-08-983-502-13	Sequence 13, Appli
462	26	81.2	280	4	US-09-949-016-11646	Sequence 11646, A	535	26	81.2	404	4	US-08-724-378D-7	Sequence 7, Appli
463	26	81.2	282	4	US-09-270-767-47193	Sequence 47193, A	536	26	81.2	404	4	US-09-827-708A-2	Sequence 2, Appli
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465	26	81.2	298	4	US-09-389-956-4	Sequence 4, Appli	538	26	81.2	404	4	US-09-954-697-6	Sequence 6, Appli

539	26	81.2	404	4	US-09-291-289-5	Sequence 5, Appli	612	26	81.2	666	3	US-09-240-410-2	Sequence 2, Appli
540	26	81.2	404	4	US-09-895-263B-14	Sequence 14, Appl	613	26	81.2	666	2	US-09-689-012-2	Sequence 2, Appli
541	26	81.2	404	4	US-09-851-873-80	Sequence 80, Appl	614	26	81.2	669	2	US-07-861-800-2	Sequence 2, Appli
542	26	81.2	404	4	US-09-613-508B-14	Sequence 14, Appl	615	26	81.2	672	4	US-09-252-991A-16941	Sequence 16941, A
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546	26	81.2	404	5	PCT-US96-10521-13	Sequence 13, Appl	619	26	81.2	689	3	US-09-232-197-73	Sequence 73, Appl
547	26	81.2	405	3	US-09-734-675-2	Sequence 2, Appli	620	26	81.2	689	3	US-09-232-201-73	Sequence 73, Appl
548	26	81.2	408	4	US-09-252-991A-25757	Sequence 25757, A	621	26	81.2	689	4	US-09-252-991A-31790	Sequence 31790, A
549	26	81.2	412	4	US-09-202-918-2	Sequence 2, Appli	622	26	81.2	689	4	US-09-232-195-73	Sequence 73, Appl
550	26	81.2	422	4	US-09-809-545A-53	Sequence 53, Appl	623	26	81.2	690	4	US-09-252-991A-32350	Sequence 32350, A
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552	26	81.2	439	4	US-09-252-991A-27106	Sequence 27106, A	625	26	81.2	692	4	US-09-540-236-2750	Sequence 2750, Ap
553	26	81.2	448	4	US-08-884-072-1	Sequence 1, Appli	626	26	81.2	705	4	US-08-311-731A-4	Sequence 4, Appli
554	26	81.2	448	3	US-09-212-168-1	Sequence 1, Appli	627	26	81.2	706	4	US-09-248-796A-20457	Sequence 20457, A
555	26	81.2	448	4	US-09-409-096-4	Sequence 4, Appli	628	26	81.2	708	1	US-08-145-681-4	Sequence 4, Appli
556	26	81.2	450	1	US-08-194-338-5	Sequence 5, Appli	629	26	81.2	708	1	US-08-453-703-4	Sequence 4, Appli
557	26	81.2	450	1	US-08-444-734A-8	Sequence 8, Appli	630	26	81.2	708	2	US-08-456-108-4	Sequence 4, Appli
558	26	81.2	450	4	US-09-252-991A-16659	Sequence 16659, A	631	26	81.2	708	3	US-08-456-108-4	Sequence 4, Appli
559	26	81.2	452	4	US-09-252-991A-19099	Sequence 19099, A	632	26	81.2	708	3	US-09-265-577-4	Sequence 4, Appli
560	26	81.2	452	4	US-09-563-794B-2	Sequence 2, Appli	633	26	81.2	708	4	US-09-633-739-4	Sequence 4, Appli
561	26	81.2	457	4	US-09-389-956-68	Sequence 68, Appl	634	26	81.2	717	6	5262177-5	Patent No. 5262177
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564	26	81.2	479	4	US-09-252-991A-21297	Sequence 21297, A	637	26	81.2	719	2	US-08-520-933-3	Sequence 3, Appli
565	26	81.2	492	4	US-09-252-991A-22862	Sequence 22862, A	638	26	81.2	719	4	US-09-285-040-3	Sequence 3, Appli
566	26	81.2	499	4	US-09-107-532A-7365	Sequence 7265, Ap	639	26	81.2	725	4	US-09-252-991A-24201	Sequence 24201, A
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568	26	81.2	502	2	US-08-889-666-19	Sequence 19, Appl	641	26	81.2	738	6	5262177-2	Patent No. 5262177
569	26	81.2	502	2	US-08-465-078-19	Sequence 19, Appl	642	26	81.2	738	6	5262177-2	Patent No. 5262177
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571	26	81.2	503	2	US-08-488-062-19	Sequence 19, Appl	644	26	81.2	740	4	US-09-489-039A-11157	Sequence 11157, A
572	26	81.2	503	4	US-09-252-991A-23522	Sequence 23522, A	645	26	81.2	753	4	US-09-538-092-31	Sequence 31, Appl
573	26	81.2	504	4	US-09-949-016-7403	Sequence 7403, Ap	646	26	81.2	755	4	US-09-902-540-15736	Sequence 15736, A
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576	26	81.2	514	4	US-09-270-767-62396	Sequence 62396, A	649	26	81.2	764	2	US-08-687-706-2	Sequence 2, Appli
577	26	81.2	521	4	US-09-252-991A-18266	Sequence 18266, A	650	26	81.2	772	4	US-09-907-794A-339	Sequence 339, App
578	26	81.2	521	4	US-09-252-991A-18266	Sequence 18266, A	651	26	81.2	772	4	US-09-905-125A-339	Sequence 339, App
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590	26	81.2	612	5	PCT-US95-04075-4	Sequence 4, Appl	663	26	81.2	945	4	US-09-252-991A-30699	Sequence 30699, A
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593	26	81.2	634	3	US-09-041-236-2	Sequence 2, Appli	666	26	81.2	986	4	US-09-248-796A-19088	Sequence 19088, A
594	26	81.2	634	4	US-09-771-467C-2	Sequence 2, Appli	667	26	81.2	1005	4	US-09-252-991A-24655	Sequence 24655, A
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596	26	81.2	640	4	US-09-949-016-7565	Sequence 7565, Ap	669	26	81.2	1140	4	US-09-677-575-2	Sequence 2, Appli
597	26	81.2	647	4	US-09-389-956-6	Sequence 6, Appli	670	26	81.2	1192	4	US-09-560-385A-36	Sequence 36, Appl
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603	26	81.2	662	3	US-09-232-197-11	Sequence 11, Appl	676	26	81.2	2100	3	US-08-772-512A-19	Sequence 19, Appl
604	26	81.2	662	3	US-09-232-197-96	Sequence 96, Appl	677	26	81.2	2100	4	US-09-428-371-19	Sequence 19, Appl
605	26	81.2	662	3	US-09-232-201-11	Sequence 11, Appl	678	26	81.2	2104	2	US-08-808-793-4	Sequence 4, Appli
606	26	81.2	662	3	US-09-232-201-96	Sequence 96, Appl	679	26	81.2	2104	3	US-08-772-512A-4	Sequence 4, Appli
607	26	81.2	662	4	US-09-232-195-11	Sequence 11, Appl	680	26	81.2	2104	4	US-09-428-371-4	Sequence 4, Appli
608	26	81.2	662	4	US-09-232-195-96	Sequence 96, Appl	681	26	81.2	2105	2	US-08-808-793-3	Sequence 3, Appli
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689	25	78.1	69	4	US-09-489-039A-12186	Sequence 12186, A	762	346	4	US-09-902-540-11476	Sequence 11476, A
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691	25	78.1	108	4	US-09-471-276-1579	Sequence 1579, Ap	764	350	4	US-09-949-016-9521	Sequence 9521, Ap
692	25	78.1	124	4	US-09-621-976-4699	Sequence 4699, Ap	765	357	4	US-08-331-625A-53	Sequence 53, Appl
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694	25	78.1	137	3	US-09-188-930-174	Sequence 174, App	767	362	3	US-09-494-151-53	Sequence 53, Appl
695	25	78.1	137	4	US-09-312-283C-174	Sequence 174, App	768	362	4	US-09-972-484-53	Sequence 53, Appl
696	25	78.1	144	4	US-09-543-681A-6998	Sequence 6998, Ap	769	369	4	US-09-684-855-123	Sequence 123, App
697	25	78.1	144	4	US-09-248-796A-27820	Sequence 27820, A	770	369	4	US-09-488-285B-22	Sequence 22, Appl
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699	25	78.1	150	4	US-09-270-767-34029	Sequence 34029, A	772	377	4	US-09-949-016-8302	Sequence 8302, Ap
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704	25	78.1	201	3	US-09-494-151-3	Sequence 3, Appl1	777	391	4	US-09-395-017B-2	Sequence 2, Appl1
705	25	78.1	201	4	US-09-972-484-3	Sequence 3, Appl1	778	397	4	US-09-463-238-15	Sequence 15, Appl
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707	25	78.1	215	4	US-09-369-247-113	Sequence 113, App	780	424	2	US-08-592-214A-16	Sequence 16, Appl
708	25	78.1	225	4	US-09-673-395A-354	Sequence 354, App	781	424	3	US-08-659-188-16	Sequence 16, Appl
709	25	78.1	228	4	US-09-543-681A-6856	Sequence 6856, Ap	782	424	3	US-08-655-227-16	Sequence 16, Appl
710	25	78.1	233	4	US-09-710-279-416	Sequence 416, App	783	424	3	US-08-655-241-16	Sequence 16, Appl
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713	25	78.1	250	3	US-09-494-151-57	Sequence 57, Appl	786	424	4	US-09-853-450-16	Sequence 16, Appl
714	25	78.1	250	4	US-09-972-484-57	Sequence 57, Appl	787	428	3	US-08-331-625A-43	Sequence 43, Appl
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716	25	78.1	263	4	US-09-248-796A-15305	Sequence 15305, A	789	433	3	US-09-972-484-43	Sequence 43, Appl
717	25	78.1	268	3	US-09-353-585-6	Sequence 6, Appl1	790	433	3	US-09-697-367-22	Sequence 22, Appl
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720	25	78.1	270	4	US-09-254-465A-24	Sequence 24, Appl	793	452	3	US-08-591-458-22	Sequence 22, Appl
721	25	78.1	273	4	US-09-953-499-24	Sequence 24, Appl	794	452	5	PCT-US94-06430-22	Sequence 22, Appl
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723	25	78.1	273	4	US-09-953-499-26	Sequence 26, Appl	796	475	4	US-09-252-991A-22247	Sequence 22247, A
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727	25	78.1	291	1	US-08-434-255-13	Sequence 13, Appl	800	497	4	US-09-270-767-41949	Sequence 41949, A
728	25	78.1	291	1	US-08-459-967-13	Sequence 13, Appl	801	503	4	US-09-252-991A-31882	Sequence 31882, A
729	25	78.1	291	1	US-08-460-327-13	Sequence 13, Appl	802	518	4	US-09-252-991A-25203	Sequence 25203, A
730	25	78.1	291	1	US-08-459-871-13	Sequence 13, Appl	803	527	4	US-09-900-920-61	Sequence 61, Appl
731	25	78.1	291	1	US-08-244-686-4	Sequence 4, Appl1	804	527	4	US-08-688-988-43	Sequence 43, Appl
732	25	78.1	291	2	US-08-784-651-16	Sequence 16, Appl	805	550	1	US-08-484-493-2	Sequence 2, Appl1
733	25	78.1	291	2	US-08-921-426-10	Sequence 10, Appl	806	550	1	US-08-484-494-2	Sequence 2, Appl1
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735	25	78.1	291	2	US-08-488-271B-2	Sequence 2, Appl1	808	550	3	US-09-249-003-2	Sequence 2, Appl1
736	25	78.1	291	2	US-08-140-008A-2	Sequence 2, Appl1	809	550	4	US-09-685-844-2	Sequence 2, Appl1
737	25	78.1	291	2	US-08-701-339-2	Sequence 2, Appl1	810	557	4	US-09-949-016-8715	Sequence 8715, Ap
738	25	78.1	291	3	US-08-816-915-10	Sequence 10, Appl	811	557	4	US-09-949-016-8716	Sequence 8716, Ap
739	25	78.1	291	3	US-09-024-534-6	Sequence 6, Appl1	812	574	4	US-09-902-540-14380	Sequence 14380, A
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741	25	78.1	291	4	US-09-705-185-6	Sequence 6, Appl1	814	636	4	US-09-252-991A-24902	Sequence 24902, A
742	25	78.1	291	5	PCT-US95-07743-10	Sequence 10, Appl	815	636	4	US-09-489-039A-8201	Sequence 8201, Ap
743	25	78.1	294	4	US-09-007-288E-142	Sequence 142, App	816	640	4	US-09-533-029-84	Sequence 84, Appl
744	25	78.1	294	4	US-09-007-288E-143	Sequence 143, App	817	640	4	US-09-463-238-6	Sequence 6, Appl1
745	25	78.1	301	4	US-09-902-540-11985	Sequence 11985, A	818	896	4	US-09-538-092-142	Sequence 142, App
746	25	78.1	316	4	US-09-397-243D-13	Sequence 13, Appl	819	943	3	US-08-476-515A-12	Sequence 12, Appl
747	25	78.1	316	4	US-08-597-495B-22	Sequence 22, Appl	820	944	3	US-08-652-877-12	Sequence 12, Appl
748	25	78.1	319	1	US-08-526-136-14	Sequence 14, Appl	821	956	4	US-09-949-016-11332	Sequence 11332, A
749	25	78.1	319	3	US-09-068-051A-22	Sequence 22, Appl	822	1049	4	US-09-394-272-10	Sequence 10, Appl
750	25	78.1	319	4	US-09-336-536-67	Sequence 67, Appl	823	1211	4	US-09-394-272-9	Sequence 9, Appl1
751	25	78.1	319	4	US-09-254-465A-6	Sequence 6, Appl1	824	1441	1	US-09-328-352-7967	Sequence 7967, Ap
752	25	78.1	319	4	US-09-953-499-6	Sequence 6, Appl1	825	1451	1	US-08-308-872B-2	Sequence 2, Appl1
753	25	78.1	321	4	US-08-948-276-5	Sequence 4, Appl1	826	1451	1	US-08-308-872B-2	Sequence 2, Appl1
754	25	78.1	323	4	US-08-948-276-5	Sequence 5, Appl1	827	1452	3	US-08-331-625A-2	Sequence 2, Appl1
755	25	78.1	323	4	US-09-949-016-6593	Sequence 6593, Ap	828	1452	3	US-09-494-151-2	Sequence 2, Appl1
756	25	78.1	324	4	US-09-949-016-6593	Sequence 6593, Ap	829	1452	4	US-09-972-484-2	Sequence 2, Appl1
757	25	78.1	324	4	US-09-949-016-10531	Sequence 10531, A	830	1452	5	PCT-US93-04384-18	Sequence 18, Appl

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834	25	78.1	2227	3	US-08-475-886-2	Sequence 2, Appli	907	24	75.0	157	3	US-08-974-549A-236	Sequence 236, App
835	25	78.1	2227	3	US-08-475-886-4	Sequence 4, Appli	908	24	75.0	157	3	US-08-854-050-83	Sequence 83, Appl
836	25	78.1	2227	3	US-08-475-886-6	Sequence 6, Appli	909	24	75.0	157	3	US-09-430-323-83	Sequence 83, Appl
837	25	78.1	2227	3	US-08-397-232-2	Sequence 2, Appli	910	24	75.0	157	4	US-09-402-181B-226	Sequence 226, App
838	25	78.1	2227	3	US-08-397-232-4	Sequence 4, Appli	911	24	75.0	157	4	US-09-721-456-226	Sequence 226, App
839	25	78.1	2227	3	US-09-171-387-2	Sequence 2, Appli	912	24	75.0	157	4	US-09-766-253-83	Sequence 83, Appl
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886	24	75.0	32	3	US-09-430-323-161	Sequence 161, App	959	24	75.0	386	4	US-09-370-838-81	Sequence 81, Appl
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ALIGNMENTS

RESULT 1
US-08-421-702A-17
; Sequence 17, Application US/08421702A
; Patent No. 5759996
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Alpha-
; TITLE OF INVENTION: v Beta-3-Mediated Binding
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
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; APPLICATION NUMBER: US/08/421,702A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1480
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; NAME/KEY: peptide
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; the N-terminal."
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Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
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; Patent No. 5770565
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone
; TITLE OF INVENTION: Resorption
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
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; APPLICATION NUMBER: US/08/303,052A
; FILING DATE: 08-SEP-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,316
; FILING DATE: 13-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1132
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
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; Patent No. 5807819
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Bone
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
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; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1481
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
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US-08-421-698A-17

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; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Bone
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
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; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1481
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
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US-08-421-695A-17

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; Sequence 17, Application PC/TUS9504741
; GENERAL INFORMATION:
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; APPLICANT: Peptides for Reducing or Inhibiting Bone
; TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
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; COMPUTER: IBM PC compatible
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;; CURRENT APPLICATION DATA:
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;; FILING DATE: 12-APR-1995
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;; PRIOR APPLICATION NUMBER: US 08/227,316
;; FILING DATE: 13-APR-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/303,052
;; FILING DATE: 08-SEP-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Imbra, Richard J.
;; REGISTRATION NUMBER: 37,643
;; REFERENCE/DOCKET NUMBER: FP-LA 1476
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619) 535-9001
;; TELEFAX: (619) 535-8949
;; INFORMATION FOR SEQ ID NO: 17:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 7 amino acids
;; TYPE: amino acid
;; TOPOLOGY: circular
;; FEATURE:
;; NAME/KEY: Peptide
;; LOCATION: 1
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PCT-US95-04741-17

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RESULT 8
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; Patent No. 5759995
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschoopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Alpha-
; TITLE OF INVENTION: v Beta-3-Mediated Binding
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
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; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052

;; FILING DATE: 08-SEP-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Campbell, Cathryn A.
;; REGISTRATION NUMBER: 31,815
;; REFERENCE/DOCKET NUMBER: P-LA 1480
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619) 535-9001
;; TELEFAX: (619) 535-8949
;; INFORMATION FOR SEQ ID NO: 26:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 9 amino acids
;; TYPE: amino acid
;; TOPOLOGY: circular
;; MOLECULE TYPE: peptide
;; FEATURE:
;; NAME/KEY: Peptide
;; LOCATION: 1
;; OTHER INFORMATION: /note= "Amino acid is acetylated at
;; OTHER INFORMATION: N-terminal."
;; FEATURE:
;; NAME/KEY: Peptide
;; LOCATION: 9
;; OTHER INFORMATION: /note= "Amino acid is amidated at
;; OTHER INFORMATION: C-terminal."
US-08-421-702A-26

Query Match 100.0%; Score 32; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 2 CRGDD 6

RESULT 9
US-08-421-696A-26
; Sequence 26, Application US/08421696A
; Patent No. 5773412
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschoopp, Juerg
; TITLE OF INVENTION: Use of Peptides for Altering alpha-v
; TITLE OF INVENTION: Beta-3-Mediated Binding
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,696A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Campbell, Cathryn A.
;; REGISTRATION NUMBER: 31,815
;; REFERENCE/DOCKET NUMBER: P-LA 1479
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619) 535-9001
;; TELEFAX: (619) 535-8949

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/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 9 amino acids
/ TYPE: amino acid
/ TOPOLOGY: circular
/ MOLECULE TYPE: peptide
/ FEATURE:
/ NAME/KEY: Peptide
/ LOCATION: 1
/ OTHER INFORMATION: /note= "Amino acid is acetylated at
/ OTHER INFORMATION: N-terminal."
/ FEATURE:
/ NAME/KEY: Peptide
/ LOCATION: 9
/ OTHER INFORMATION: /note= "Amino acid is amidated at
/ OTHER INFORMATION: C-terminal."
/ US-08-421-696A-26

Query Match 100.0%; Score 32; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 2 CRGDD 6

RESULT 10
US-08-421-697A-26
/ Sequence 26, Application US/08421697A
/ Patent No. 5792745
/ GENERAL INFORMATION:
/ APPLICANT: Cheng, Soan
/ APPLICANT: Ingram, Ronald
/ APPLICANT: Mullen, Daniel
/ APPLICANT: Tschopp, Juerg
/ TITLE OF INVENTION: Use of Peptides for Altering Bone
/ TITLE OF INVENTION: Resorption
/ NUMBER OF SEQUENCES: 138
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Campbell & Flores LLP
/ STREET: 4370 La Jolla Village Drive, Suite 700
/ CITY: San Diego
/ STATE: California
/ COUNTRY: USA
/ ZIP: 92122
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/421,697A
/ FILING DATE: 12-APR-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/227,316
/ FILING DATE: 13-APR-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/303,052
/ FILING DATE: 08-SEP-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Campbell, Cathryn A.
/ REGISTRATION NUMBER: 31,815
/ REFERENCE/DOCKET NUMBER: P-LA 1412
/ TELEPHONE: (619) 535-9001
/ TELEFAX: (619) 535-8949
/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 9 amino acids
/ TYPE: amino acid
/ TOPOLOGY: circular
/ MOLECULE TYPE: peptide
/ FEATURE:
/ NAME/KEY: Peptide
/ LOCATION: 1
/ OTHER INFORMATION: /note= "Amino acid is acetylated at
/ OTHER INFORMATION: N-terminal."
/ FEATURE:
/ NAME/KEY: Peptide

/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 9 amino acids
/ TYPE: amino acid
/ TOPOLOGY: circular
/ MOLECULE TYPE: peptide
/ FEATURE:
/ NAME/KEY: Peptide
/ LOCATION: 1
/ OTHER INFORMATION: /note= "Amino acid is acetylated at
/ OTHER INFORMATION: N-terminal."
/ FEATURE:
/ NAME/KEY: Peptide
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LOCATIONS: 9
OTHER INFORMATION: /note= "Amino acid is amidated at
OTHER INFORMATION: C-terminal."
US-08-421-698A-26

Query Match 100.0%; Score 32; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||

Db 2 CRGDD 6

RESULT 12
US-08-421-695A-26
Sequence 26, Application US/08421695A
Patent No. 5849865
GENERAL INFORMATION:
APPLICANT: Cheng, Soan
APPLICANT: Ingram, Ronald
APPLICANT: Mullen, Daniel
APPLICANT: Tschopp, Juerg
TITLE OF INVENTION: Peptides for Altering Bone Resorption,
TITLE OF INVENTION: Angiogenesis and Restenosis
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/421,695A
FILING DATE: 12-APR-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LA 1478
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
TOPOLOGY: circular
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Peptide
LOCATION: 1
OTHER INFORMATION: /note= "The amino acid is
OTHER INFORMATION: acetylated at the N-terminal."
FEATURE:
NAME/KEY: Peptide
LOCATION: 9
OTHER INFORMATION: /note= "The amino acid is amidated
OTHER INFORMATION: at the C-terminal."

US-08-421-695A-26
Query Match 100.0%; Score 32; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||

Db 2 CRGDD 6
RESULT 13
PCT-US95-04741-26
Sequence 26, Application PC/TUS9504741
GENERAL INFORMATION:
APPLICANT: La Jolla Cancer Research Foundation
TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone
TITLE OF INVENTION: Resorption, Angiogenesis and Restenosis
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell and Flores
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04741
FILING DATE: 12-APR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,316
FILING DATE: 13-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/303,052
FILING DATE: 08-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Imbra, Richard J.
REGISTRATION NUMBER: 37,643
REFERENCE/DOCKET NUMBER: FP-LA 1476
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
TOPOLOGY: circular
FEATURE:
NAME/KEY: Peptide
LOCATION: 1
OTHER INFORMATION: /note= "Amino acid is acetylated at
OTHER INFORMATION: N-terminal."
FEATURE:
NAME/KEY: Peptide
LOCATION: 9
OTHER INFORMATION: /note= "Amino acid is amidated at
OTHER INFORMATION: C-terminal."

PCT-US95-04741-26
Query Match 100.0%; Score 32; DB 5; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||

Db 2 CRGDD 6

RESULT 14
US-09-360-376-55
Sequence 55, Application US/09360376
Patent No. 6495739
GENERAL INFORMATION:
APPLICANT: Lassner, Michael
APPLICANT: Ruzinsky, Diane

US-09-360-376-55
Query Match 100.0%; Score 32; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||

Db 2 CRGDD 6

US-08-421-695A-26
Query Match 100.0%; Score 32; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||

Db 2 CRGDD 6

US-08-421-695A-26
Query Match 100.0%; Score 32; DB 5; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||

Db 2 CRGDD 6

US-08-421-695A-26
Query Match 100.0%; Score 32; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||

Db 2 CRGDD 6

US-08-421-695A-26
Query Match 100.0%; Score 32; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 4.1e+05;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||

Db 2 CRGDD 6

; TITLE OF INVENTION: PLANT PHOSPHATIDIC ACID PHOSPHATASES
; FILE REFERENCE: 17026/01/US
; CURRENT APPLICATION NUMBER: US/09/360,376
; CURRENT FILING DATE: 1999-07-23
; PRIOR APPLICATION NUMBER: US 09/122,315
; PRIOR FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 55
; TYPE: PRT
; LENGTH: 233
; ORGANISM: Homo sapiens
US-09-360-376-55

Query Match 100.0%; Score 32; DB 4; Length 233;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||
DB 181 CRGDD 185

RESULT 15
US-09-489-039A-8789
; Sequence 8789, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:

; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 8789
; LENGTH: 376
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-8789

Query Match 100.0%; Score 32; DB 4; Length 376;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||
DB 158 CRGDD 162

RESULT 16
US-09-489-039A-12030
; Sequence 12030, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:

; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 12030
; LENGTH: 424
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-12030

Query Match 100.0%; Score 32; DB 4; Length 424;

Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||
DB 65 CRGDD 69

RESULT 17
US-09-489-039A-13164
; Sequence 13164, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:

; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 13164
; LENGTH: 488
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-13164

Query Match 100.0%; Score 32; DB 4; Length 488;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|||||
DB 103 CRGDD 107

RESULT 18
US-08-421-702A-8
; Sequence 8, Application US/08421702A
; Patent No. 5759996
; GENERAL INFORMATION:

; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Alpha-
; TITLE OF INVENTION: v Beta-3-Mediated Binding
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESS: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/421,702A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994

; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1480
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
TOPOLOGY: circular
FEATURE:
MOLECULE TYPE: peptide
NAME/KEY: Peptide
LOCATION: 1
OTHER INFORMATION: /note= "Amino acid is acetylated at N-terminal."
FEATURE:
NAME/KEY: Peptide
LOCATION: 7
OTHER INFORMATION: /note= "Amino acid is amidated at C-terminal."
US-08-421-702A-8

Query Match 90.6%; Score 29; DB 1; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 1 CRGDD 5

RESULT 19
US-08-421-696A-8
Sequence 8, Application US/08421696A
Patent No. 5773412
GENERAL INFORMATION:
APPLICANT: Cheng, Soan
APPLICANT: Ingram, Ronald
APPLICANT: Mullen, Daniel
APPLICANT: Tschopp, Juerg
TITLE OF INVENTION: Use of Peptides for Altering alpha-v
TITLE OF INVENTION: Beta-3-Mediated Binding
NUMBER OF SEQUENCES: 138
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/421,696A
FILING DATE: 12-APR-1995
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/303,052
FILING DATE: 08-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LA 1479
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
TOPOLOGY: circular
MOLECULE TYPE: peptide

FEATURE:
NAME/KEY: Peptide
LOCATION: 1
OTHER INFORMATION: /note= "Amino acid is acetylated at N-terminal."
FEATURE:
NAME/KEY: Peptide
LOCATION: 7
OTHER INFORMATION: /note= "Amino acid is amidated at C-terminal."
US-08-421-696A-8

Query Match 90.6%; Score 29; DB 1; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 1 CRGDD 5

RESULT 20
US-08-421-697A-8
Sequence 8, Application US/08421697A
Patent No. 5792745
GENERAL INFORMATION:
APPLICANT: Cheng, Soan
APPLICANT: Ingram, Ronald
APPLICANT: Mullen, Daniel
APPLICANT: Tschopp, Juerg
TITLE OF INVENTION: Use of Peptides for Altering Bone
TITLE OF INVENTION: Resorption
NUMBER OF SEQUENCES: 138
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/421,697A
FILING DATE: 12-APR-1995
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/227,316
FILING DATE: 13-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/303,052
FILING DATE: 08-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LA 1412
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 amino acids
TYPE: amino acid
TOPOLOGY: circular
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: Peptide
LOCATION: 1
OTHER INFORMATION: /note= "Amino acid is acetylated at N-terminal."

FEATURE:
NAME/KEY: Peptide
LOCATION: 7
OTHER INFORMATION: /note= "Amino acid is amidated at C-terminal."
OTHER INFORMATION: C-terminal."
US-08-421-697A-8

Query Match 90.6%; Score 29; DB 1; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CKGDD 5
|:|
Db 1 CKGDD 5

RESULT 21
US-08-421-698A-8
; Sequence 8, Application US/08421698A
; Patent No. 5807819
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Techopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Bone Resorption
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,698A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1481
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /notes "Amino acid is acetylated at N-terminal."
; OTHER INFORMATION: N-terminal."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 7
; OTHER INFORMATION: /notes "Amino acid is amidated at C-terminal."
; OTHER INFORMATION: C-terminal."
US-08-421-698A-8

Query Match 90.6%; Score 29; DB 1; Length 7;

Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CKGDD 5
|:|
Db 1 CKGDD 5

RESULT 22
US-08-421-695A-8
; Sequence 8, Application US/08421695A
; Patent No. 5849865
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Techopp, Juerg
; TITLE OF INVENTION: Peptides for Altering Bone Resorption,
; TITLE OF INVENTION: Angiogenesis and Restenosis
; NUMBER OF SEQUENCES: 143
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,695A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1478
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "The amino acid is
; OTHER INFORMATION: acetylated at the N-terminal."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 7
; OTHER INFORMATION: /note= "The amino acid is amidated
; OTHER INFORMATION: at the C-terminal."
US-08-421-695A-8

Query Match 90.6%; Score 29; DB 2; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CKGDD 5
|:|
Db 1 CKGDD 5

RESULT 23
PCT-US95-04741-8
; Sequence 8, Application PC/TUS9504741

GENERAL INFORMATION:
; APPLICANT: La Jolla Cancer Research Foundation
; TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone
; TITLE OF INVENTION: Resorption, Angiogenesis and Restenosis
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04741
; FILING DATE: 12-APR-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,316
; FILING DATE: 13-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Imbra, Richard J.
; REGISTRATION NUMBER: 37,643
; REFERENCE/DOCKET NUMBER: FP-LA 1476
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "Amino acid is acetylated at
; OTHER INFORMATION: N-terminal."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 7
; OTHER INFORMATION: /note= "Amino acid is amidated at
; OTHER INFORMATION: C-terminal."
; PCT-US95-04741-8

Query Match 90.6%; Score 29; DB 5; Length 7;
Best Local Similarity 80.0%; Pred. No. 4.1e+05; Indels 0; Gaps 0;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|:|:|
Db 1 CKGDD 5

RESULT 24
US-09-902-540-14307
; Sequence 14307, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wiegand, Roger C.
; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
; FILE REFERENCES: 38-10(15849)B
; CURRENT APPLICATION NUMBER: US/09/902,540

; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,883
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 16825
; SEQ ID NO 14307
; LENGTH: 92
; TYPE: PRT
; ORGANISM: Myxococcus xanthus
; US-09-902-540-14307

Query Match 90.6%; Score 29; DB 4; Length 92;
Best Local Similarity 80.0%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|:|:|
Db 68 CKGDD 72

RESULT 25
US-09-489-039A-13562
; Sequence 13562, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 13562
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
; US-09-489-039A-13562

Query Match 90.6%; Score 29; DB 4; Length 105;
Best Local Similarity 80.0%; Pred. No. 2.2e+02; Indels 0; Gaps 0;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|:|:|
Db 46 CKGDD 50

RESULT 26
US-09-248-796A-21669
; Sequence 21669, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 21669
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Candida albicans
; US-09-248-796A-21669

Query Match 90.6%; Score 29; DB 4; Length 357;
Best Local Similarity 80.0%; Pred. No. 6.6e+02; Indels 0; Gaps 0;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

```
QY      1 CRGDD 5
      1:||||
Db      244 CKGDD 248

RESULT 27
US-09-252-991A-18903
; Sequence 18903, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 18903
; LENGTH: 639
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-18903

      Query Match      90.6%; Score 29; DB 4; Length 639;
      Best Local Similarity 80.0%; Pred. No. 1.1e+03;
      Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
      1:||||
Db      602 CKGDD 606

RESULT 28
US-08-421-702A-27
; Sequence 27, Application US/08421702A
; Patent No. 5759996
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Alpha-
; TITLE OF INVENTION: v Beta-3-Mediated Binding
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,702A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1480
; TELECOMMUNICATION INFORMATION:

US-09-252-991A-18903
; Sequence 18903, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 18903
; LENGTH: 639
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-18903

      Query Match      90.6%; Score 29; DB 4; Length 639;
      Best Local Similarity 80.0%; Pred. No. 1.1e+03;
      Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
      1:||||
Db      602 CKGDD 606

RESULT 29
US-08-421-696A-27
; Sequence 27, Application US/08421696A
; Patent No. 5773412
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Use of Peptides for Altering alpha-v
; TITLE OF INVENTION: Beta-3-Mediated Binding
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,696A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1479
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide

US-08-421-702A-27
; Sequence 27, Application US/08421702A
; Patent No. 5759996
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Peptides Useful for Altering Alpha-
; TITLE OF INVENTION: v Beta-3-Mediated Binding
; NUMBER OF SEQUENCES: 140
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,702A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1480
; TELECOMMUNICATION INFORMATION:

US-08-421-696A-27
; Sequence 27, Application US/08421696A
; Patent No. 5773412
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Tschopp, Juerg
; TITLE OF INVENTION: Use of Peptides for Altering alpha-v
; TITLE OF INVENTION: Beta-3-Mediated Binding
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,696A
; FILING DATE: 12-APR-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LA 1479
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; MOLECULE TYPE: peptide
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;
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "Amino acid is acetylated at
; OTHER INFORMATION: N-terminal."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 9
; OTHER INFORMATION: /note= "Amino acid is amidated at
; OTHER INFORMATION: C-terminal."
US-08-421-696A-27

Query Match 87.5%; Score 28; DB 1; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 2 CRGDE 6

RESULT 30
US-08-665-220-59
; Sequence 59, Application US/08665220
; Patent No. 5786173
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; APPLICANT: Armstrong, Robert
; APPLICANT: Tomaselli, Kevin
; TITLE OF INVENTION: Mch4 and Mch5, Apoptotic Proteases,
; TITLE OF INVENTION: Nucleic Acids Encoding and Methods of Use
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,220
FILING DATE: 14-JUN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/618,408
FILING DATE: 19-MAR-1996

ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-ID 2165
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURES:
NAME/KEY: Peptide
LOCATION: 1..9
OTHER INFORMATION: /note= "ICH-1"

US-08-665-220-59

Query Match 87.5%; Score 28; DB 1; Length 9;

Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 5 CRGDE 9

RESULT 31
US-08-421-697A-27
; Sequence 27, Application US/08421697A
; Patent No. 5792745
; GENERAL INFORMATION:
; APPLICANT: Cheng, Soan
; APPLICANT: Ingram, Ronald
; APPLICANT: Mullen, Daniel
; APPLICANT: Teschopp, Juerg
; TITLE OF INVENTION: Use of Peptides for Altering Bone
; TITLE OF INVENTION: Resorption
; NUMBER OF SEQUENCES: 138
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/421,697A
FILING DATE: 12-APR-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/227,316
FILING DATE: 13-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/303,052
FILING DATE: 08-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LA 1412
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 amino acids
TYPE: amino acid
TOPOLOGY: circular
MOLECULE TYPE: peptide
FEATURES:
NAME/KEY: Peptide
LOCATION: 1
OTHER INFORMATION: /note= "Amino acid is acetylated at
OTHER INFORMATION: N-terminal."
FEATURE:
NAME/KEY: Peptide
LOCATION: 9
OTHER INFORMATION: /note= "Amino acid is amidated at
OTHER INFORMATION: C-terminal."
US-08-421-697A-27

Query Match 87.5%; Score 28; DB 1; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 5 CRGDE 9

Db 2 CRGDE 6

RESULT 32

US-08-421-698A-27

Sequence 27, Application US/08421698A

Patent No. 5807819

GENERAL INFORMATION:

APPLICANT: Cheng, Soan

APPLICANT: Ingram, Ronald

APPLICANT: Mullen, Daniel

APPLICANT: Tschoopp, Juerg

TITLE OF INVENTION: Peptides Useful for Altering Bone Resorption

TITLE OF INVENTION: Peptides Useful for Altering Bone Resorption

NUMBER OF SEQUENCES: 138

TITLE OF INVENTION: Resorption

NUMBER OF SEQUENCES: 138

CORRESPONDENCE ADDRESS:

ADDRESSEE: Campbell & Flores LLP

STREET: 4370 La Jolla Village Drive, Suite 700

CITY: San Diego

STATE: California

COUNTRY: USA

ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/421,698A

FILING DATE: 12-APR-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/303,052

FILING DATE: 08-SEP-1994

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-LA 1481

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 27:

SEQUENCE CHARACTERISTICS:

LENGTH: 9 amino acids

TYPE: amino acid

TOPOLOGY: circular

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Peptide

LOCATION: 1

OTHER INFORMATION: /note= "Amino acid is acetylated at

OTHER INFORMATION: N-terminal."

FEATURE:

NAME/KEY: Peptide

LOCATION: 9

OTHER INFORMATION: /note= "Amino acid is amidated at

OTHER INFORMATION: C-terminal."

US-08-421-698A-27

Query Match 87.5%; Score 28; DB 1; Length 9;

Best Local Similarity 80.0%; Pred. No. 4.1e+05;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CRGDD 5

Db 2 CRGDE 6

RESULT 34

US-08-618-408B-59

Sequence 59, Application US/08618408B

Patent No. 5851815

GENERAL INFORMATION:

APPLICANT: Alnemri, Emad S.

APPLICANT: Fernandes-Alnemri, Teresa

APPLICANT: Litwack, Gerald

APPLICANT: Armstrong, Robert

APPLICANT: Tomaselli, Kevin

TITLE OF INVENTION: Mch4 and Mch5, No. 5851815el Apoptotic

TITLE OF INVENTION: Proteases, Nucleic Acids Encoding and Methods of Use

NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:

ADDRESSEE: Campbell and Flores

STREET: 4370 La Jolla Village Drive, Suite 700

Qy 1 CRGDD 5

Db 2 CRGDE 6

RESULT 33

US-08-421-695A-27

Sequence 27, Application US/08421695A

Patent No. 5849865

GENERAL INFORMATION:

APPLICANT: Cheng, Soan

APPLICANT: Ingram, Ronald

APPLICANT: Mullen, Daniel

APPLICANT: Tschoopp, Juerg

TITLE OF INVENTION: Peptides Useful for Altering Bone Resorption

TITLE OF INVENTION: Peptides Useful for Altering Bone Resorption

NUMBER OF SEQUENCES: 143

TITLE OF INVENTION: Angiogenesis and Restenosis

NUMBER OF SEQUENCES: 143

CORRESPONDENCE ADDRESS:

ADDRESSEE: Campbell & Flores LLP

STREET: 4370 La Jolla Village Drive, Suite 700

CITY: San Diego

STATE: California

COUNTRY: United States

ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/421,695A

FILING DATE: 12-APR-1995

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-LA 1478

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 27:

SEQUENCE CHARACTERISTICS:

LENGTH: 9 amino acids

TYPE: amino acid

TOPOLOGY: circular

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: Peptide

LOCATION: 1

OTHER INFORMATION: /note= "The amino acid is

OTHER INFORMATION: acetylated at the N-terminal."

FEATURE:

NAME/KEY: Peptide

LOCATION: 9

OTHER INFORMATION: /note= "The amino acid is amidated

OTHER INFORMATION: at the C-terminal."

US-08-421-695A-27

Query Match 87.5%; Score 28; DB 2; Length 9;

Best Local Similarity 80.0%; Pred. No. 4.1e+05;

Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CRGDD 5

Db 2 CRGDE 6

;; CITY: San Diego
;; STATE: California
;; COUNTRY: United States
;; ZIP: 92122
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/618,408B
;; FILING DATE: 19-MAR-1996
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Campbell, Cathryn A.
;; REGISTRATION NUMBER: 31,815
;; REFERENCE/DOCKET NUMBER: P-ID 1957
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619) 535-9001
;; TELEFAX: (619) 535-8949
;; INFORMATION FOR SEQ ID NO: 59:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 9 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; FEATURE:
;; LOCATION: 1..9
;; OTHER INFORMATION: /note= "ICH-1"
US-08-618-408B-59

Query Match 87.5%; Score 28; DB 2; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 5 CRGDE 9

RESULT 35
US-09-257-218-74
; Sequence 74, Application US/09257218
; Patent No. 6271361
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids
; TITLE OF INVENTION: Encoding Same and Methods of Use
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/257,218
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/865,579
; FILING DATE: 29-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.

;; REGISTRATION NUMBER: 31,815
;; REFERENCE/DOCKET NUMBER: P-ID 2180
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619) 535-9001
;; TELEFAX: (619) 535-9849
;; INFORMATION FOR SEQ ID NO: 74:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 9 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-09-257-218-74

Query Match 87.5%; Score 28; DB 3; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 5 CRGDE 9

RESULT 36
US-09-311-760-74
; Sequence 74, Application US/09311760
; Patent No. 6274318
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids
; TITLE OF INVENTION: Encoding Same and Methods of Use
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/311,760
; FILING DATE: 13-MAY-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/865,579
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-ID 2180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-9849
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 74:
US-09-311-760-74

Query Match 87.5%; Score 28; DB 3; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5

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Db          ||||:
           5 CRGDE 9

RESULT 37
US-09-291-692-59
; Sequence 59, Application US/09291692
; Patent No. 6287795
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; APPLICANT: Armstrong, Robert
; APPLICANT: Tomaseilli, Kevin
; TITLE OF INVENTION: MCH4 AND MCH5, APOPTOTIC PROTEASE,
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING AND METHODS OF USE
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSES: SEED and BERRY
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: Use
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/291,692
; FILING DATE: 04-13-1999
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Christiansen, William T.
; REGISTRATION NUMBER: 44,614
; REFERENCE/DOCKET NUMBER: 480140.424C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..9
; OTHER INFORMATION: /note= "ICH-1"
US-09-291-692-59

Query Match      87.5%; Score 28; DB 3; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CRGDD 5
Db      5 CRGDE 9

RESULT 38
US-09-561-756-112
; Sequence 112, Application US/09561756
; Patent No. 6376226
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 480140.431
; CURRENT APPLICATION NUMBER: US/09/561,756
; CURRENT FILING DATE: 2000-04-26

Db          ||||:
           5 CRGDE 9

Query Match      87.5%; Score 28; DB 3; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CRGDD 5
Db      5 CRGDE 9

RESULT 39
US-09-227-721-112
; Sequence 112, Application US/09227721
; Patent No. 6379950
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 480140.431
; CURRENT APPLICATION NUMBER: US/09/227,721
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 112
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-227-721-112

Query Match      87.5%; Score 28; DB 3; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 CRGDD 5
Db      5 CRGDE 9

RESULT 40
US-08-865-579-74
; Sequence 74, Application US/08865579
; Patent No. 6455296
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandes-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids
; TITLE OF INVENTION: Encoding Same and Methods of Use
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/865,579
; FILING DATE: 29-MAY-1997
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Matches	4;	Conservative	1;	Mismatches	0;	Indels	0;	Gaps	0;
QY	1	CRGDD	5						
Db	5	CRGDE	9						
RESULT 42									
US-09-954-697-112									
; Sequence 112, Application US/09954697									
; Patent No. 6610541									
; GENERAL INFORMATION:									
; APPLICANT: Alnemri, Emad S.									
; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USSES									
; TITLE OF INVENTION: THEREOF									
; FILE REFERENCE: 480140.431D2									
; CURRENT APPLICATION NUMBER: US/09/954,697									
; CURRENT FILING DATE: 2001-09-14									
; NUMBER OF SEQ ID NOS: 116									
; SOFTWARE: FastSeq for Windows Version 3.0									
; SEQ ID NO 112									
; LENGTH: 9									
; TYPE: PRT									
; ORGANISM: Homo sapien									
US-09-954-697-112									
Query Match 87.5%; Score 28; DB 4; Length 9;									
Best Local Similarity 80.0%; Pred. NO. 4.1e+05;									
Matches	4;	Conservative	1;	Mismatches	0;	Indels	0;	Gaps	0;
QY	1	CRGDD	5						
Db	5	CRGDE	9						
RESULT 43									
US-09-952-768-59									
; Sequence 59, Application US/09952768									
; Patent No. 6730779									
; GENERAL INFORMATION:									
; APPLICANT: Alnemri, Emad S.									
; Fernandes-Alnemri, Teresa									
; Litwack, Gerald									
; Armstrong, Robert									
; Tomaselli, Kevin									
; TITLE OF INVENTION: MCH4 AND MCH5, APOPTOTIC PROTEASE,									
NUCLEIC ACIDS ENCODING AND METHODS OF USE									
; NUMBER OF SEQUENCES: 75									
; CORRESPONDENCE ADDRESS:									
; ADDRESSEE: Seed Intellectual Property Law Group									
; STREET: Suite 6300, 701 Fifth Avenue									
; CITY: Seattle									
; STATE: Washington									
; COUNTRY: USA									
; ZIP: 98104									
; COMPUTER READABLE FORM:									
; MEDIUM TYPE: Floppy disk									
; COMPUTER: IBM PC compatible									
; OPERATING SYSTEM: PC-DOS/MS-DOS									
; SOFTWARE: Patentin Release #1.0, Version #1.30									
; CURRENT APPLICATION DATA:									
; APPLICATION NUMBER: US/09/952,768									
; FILING DATE: 10-Sep-2001									
; CLASSIFICATION: <Unknown>									
; ATTORNEY/AGENT INFORMATION:									
; NAME: Christensen, William T.									
; REGISTRATION NUMBER: 44,614									
; REFERENCE/DOCKET NUMBER: 480140.424C4									
; TELECOMMUNICATION INFORMATION:									
; TELEPHONE: (206) 622-4900									
; TELEFAX: (206) 682-6031									
; INFORMATION FOR SEQ ID NO: 59:									
; SEQUENCE CHARACTERISTICS:									

```
/
/
/   LENGTH: 9 amino acids
/   TYPE: amino acid
/   STRANDEDNESS: <Unknown>
/   TOPOLOGY: linear
/   MOLECULE TYPE: peptide
/   FEATURE:
/     NAME/KEY: Peptide
/     LOCATION: 1..9
/     OTHER INFORMATION: /note= "ICH-1"
/
/   SEQUENCE DESCRIPTION: SEQ ID NO: 59:
US-09-952-768-59

Query Match      87.5%; Score 28; DB 4; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      5 CRGDE 9

RESULT 44
PCT-US95-04741-27
; Sequence 27, Application PC/TUS9504741
; GENERAL INFORMATION:
; APPLICANT: La Jolla Cancer Research Foundation
; TITLE OF INVENTION: Peptides for Reducing or Inhibiting Bone
; TITLE OF INVENTION: Resorption, Angiogenesis and Restenosis
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04741
; FILING DATE: 12-APR-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,316
; FILING DATE: 13-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/303,052
; FILING DATE: 08-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Imbra, Richard J.
; REGISTRATION NUMBER: 37,643
; REFERENCES/DOCKET NUMBER: FP-LA 1476
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; TOPOLOGY: circular
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1
; OTHER INFORMATION: /note= "Amino acid is acetylated at
; OTHER INFORMATION: N-terminal."
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 9
; OTHER INFORMATION: /note= "Amino acid is amidated at
; OTHER INFORMATION: C-terminal."

PCT-US95-04741-27

Query Match      87.5%; Score 28; DB 5; Length 9;
Best Local Similarity 80.0%; Pred. No. 4.1e+05;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      2 CRGDE 6

RESULT 45
US-07-602-847C-16
; Sequence 16, Application US/07602847C
; Patent No. 5227469
; GENERAL INFORMATION:
; APPLICANT: Lazarus, Robert A.,
; APPLICANT: Seymour, Jana L.,
; TITLE OF INVENTION: No. 5227469el Platelet Aggregation Inhibitors From The Leech
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/602,847C
; FILING DATE: 19901026
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/479,829
; FILING DATE: 14-FEB-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Daryl B.
; REGISTRATION NUMBER: 32,637
; REFERENCES/DOCKET NUMBER: 667
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/266-1249
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; US-07-602-847C-16

Query Match      87.5%; Score 28; DB 1; Length 39;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      7 CQGDD 11

RESULT 46
US-08-817-787-32
; Sequence 32, Application US/08817787
; Patent No. 6294353
; GENERAL INFORMATION:
; APPLICANT: Pack, Peter
; APPLICANT: Lupas, Andrei
; TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF
; TITLE OF INVENTION: RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES
; NUMBER OF SEQUENCES: 36
```

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: FISH & NEAVE
;; STREET: 1251 Avenue of the Americas
;; CITY: New York
;; STATE: New York
;; COUNTRY: USA
;; ZIP: 10020
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; FILING DATE: 23-SEP-1997
;; APPLICATION NUMBER: US/08/817,787
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA: PCT/EP95/04117
;; FILING DATE:
;; PRIOR APPLICATION NUMBER: EP 94 11 6558.1
;; FILING DATE: 20-OCT-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Haley Jr., James F.
;; REGISTRATION NUMBER: 27,794
;; REFERENCE/DOCKET NUMBER: MORPHO/1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 212-596-9000
;; TELEFAX: 212-596-9090
;; INFORMATION FOR SEQ ID NO: 32:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 39 amino acids
;; TYPE: amino acid
;; STRANDEDNESS:
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; ORIGINAL SOURCE:
;; ORGANISM: Macrobodella decora
;; US-08-817-787-32

Query Match 87.5%; Score 28; DB 3; Length 39;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|:|:|
Db 7 CQGDD 11

RESULT 47
US-09-583-808-32
; Sequence 32, Application US/09583808
; Patent No. 6692935
; GENERAL INFORMATION:
; APPLICANT: Pack, Peter
; TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF
; RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & NEAVE
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; PRIOR APPLICATION NUMBER: US/09/583,808

;; FILING DATE: 30-May-2000
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: PCT/EP95/04117
;; FILING DATE: <Unknown>
;; APPLICATION NUMBER: EP 94 11 6558.1
;; FILING DATE: 20-OCT-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Haley Jr., James F.
;; REGISTRATION NUMBER: 27,794
;; REFERENCE/DOCKET NUMBER: MORPHO/1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 212-596-9000
;; TELEFAX: 212-596-9090
;; INFORMATION FOR SEQ ID NO: 32:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 39 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: <Unknown>
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; ORIGINAL SOURCE:
;; ORGANISM: Macrobodella decora
;; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
;; US-09-583-808-32

Query Match 87.5%; Score 28; DB 4; Length 39;
Best Local Similarity 80.0%; Pred. No. 1.3e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|:|:|
Db 7 CQGDD 11

RESULT 48
US-08-817-787-36
; Sequence 36, Application US/08817787
; Patent No. 6294353
; GENERAL INFORMATION:
; APPLICANT: Pack, Peter
; APPLICANT: Lupas, Andrei
; TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF
; RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & NEAVE
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10020
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/817,787
; FILING DATE: 23-SEP-1997
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP95/04117
; FILING DATE:
; PRIOR APPLICATION NUMBER: EP 94 11 6558.1
; FILING DATE: 20-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Haley Jr., James F.
; REGISTRATION NUMBER: 27,794
; REFERENCE/DOCKET NUMBER: MORPHO/1

TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-596-9000
TELEFAX: 212-596-9090
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-817-787-36

Query Match 87.5%; Score 28; DB 3; Length 41;
Best Local Similarity 80.0%; Pred. No. 1.4e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|:|
Db 9 CQGDD 13

RESULT 49
US-09-583-808-36
Sequence 36, Application US/09583808
Patent No. 6692935
GENERAL INFORMATION:
APPLICANT: Pack, Peter
Lupas, Andrei

TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF
RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: FISH & NEAVE
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10020

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA: US/09/583,808

APPLICATION NUMBER: US/09/583,808

FILING DATE: 30-May-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/817,787

FILING DATE: <Unknown>

APPLICATION NUMBER: PCT/EP95/04117

FILING DATE: <Unknown>

APPLICATION NUMBER: EP 94 11 6558.1

FILING DATE: 20-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Haley Jr., James F.

REGISTRATION NUMBER: 27,794

REFERENCE/DOCKET NUMBER: MORPHO/1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-596-9000

TELEFAX: 212-596-9090

INFORMATION FOR SEQ ID NO: 36:

SEQUENCE CHARACTERISTICS:

LENGTH: 41 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 36:

US-09-583-808-36

Query Match 87.5%; Score 28; DB 4; Length 41;
Best Local Similarity 80.0%; Pred. No. 1.4e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|:|
Db 9 CQGDD 13

RESULT 50
US-08-817-787-34
Sequence 34, Application US/08817787
Patent No. 6294353
GENERAL INFORMATION:
APPLICANT: Pack, Peter
Lupas, Andrei

TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF
RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: FISH & NEAVE

STREET: 1251 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10020

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/817,787

FILING DATE: 23-SEP-1997

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/EP95/04117

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP 94 11 6558.1

FILING DATE: 20-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Haley Jr., James F.

REGISTRATION NUMBER: 27,794

REFERENCE/DOCKET NUMBER: MORPHO/1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-596-9000

TELEFAX: 212-596-9090

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:

LENGTH: 42 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-817-787-34

Query Match 87.5%; Score 28; DB 3; Length 42;
Best Local Similarity 80.0%; Pred. No. 1.4e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
|:|
Db 9 CQGDD 13

RESULT 51
US-09-583-808-34
Sequence 34, Application US/09583808
Patent No. 6692935
GENERAL INFORMATION:
APPLICANT: Pack, Peter
Lupas, Andrei

TITLE OF INVENTION: TARGETED HETERO-ASSOCIATION OF
RECOMBINANT PROTEINS TO MULTI-FUNCTIONAL COMPLEXES

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: FISH & NEAVE

STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10020
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/583,808
FILING DATE: 30-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/817,787
FILING DATE: <Unknown>
APPLICATION NUMBER: PCT/EP95/04117
FILING DATE: <Unknown>
APPLICATION NUMBER: EP 94 11 6558.1
FILING DATE: 20-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Haley Jr., James F.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: MORPHO/1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-596-9000
TELEFAX: 212-596-9090
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-583-808-34
Query Match 87.5%; Score 28; DB 4; Length 42;
Best Local Similarity 80.0%; Pred. No. 1.4e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 CRGDD 5
DB 9 COGDD 13
RESULT 52
US-09-257-218-16
Sequence 16, Application US/09257218
Patent No. 6271361
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandes-Alnemri, Teresa
APPLICANT: Litwack, Gerald
TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/257,218
FILING DATE: 13-May-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/865,579
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-ID 2180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-9849
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-311-760-16

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/865,579
FILING DATE: 29-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-ID 2180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-9849
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-09-257-218-16
Query Match 87.5%; Score 28; DB 3; Length 46;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 CRGDD 5
DB 17 CRGDE 21
RESULT 53
US-09-311-760-16
Sequence 16, Application US/09311760
Patent No. 6274318
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandes-Alnemri, Teresa
APPLICANT: Litwack, Gerald
TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/311,760
FILING DATE: 13-May-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/865,579
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-ID 2180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-9849
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-311-760-16

Query Match 87.5%; Score 28; DB 3; Length 46;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 17 CRGDE 21

RESULT 54
US-08-865-579-16
; Sequence 16, Application US/08865579
; Patent No. 6455296
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandez-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/865,579
; FILING DATE: 29-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-ID 2180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-9849
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-865-579-16

Query Match 87.5%; Score 28; DB 4; Length 46;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 17 CRGDE 21

RESULT 55
US-10-059-749-16
; Sequence 16, Application US/10059749
; Patent No. 6566505
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandez-Alnemri, Teresa
; APPLICANT: Litwack, Gerald
; TITLE OF INVENTION: Apoptotic Protease Mch6, Nucleic Acids
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP

STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/059,749
FILING DATE: 29-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/865,579
FILING DATE: 29-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-ID 2180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-9849
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-059-749-16

Query Match 87.5%; Score 28; DB 4; Length 46;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 17 CRGDE 21

RESULT 56
US-09-187-789-58
; Sequence 58, Application US/09187789
; Patent No. 6340740
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandez-Alnemri, Teresa
; TITLE OF INVENTION: CASPASE-14, AN APOPTOTIC PROTEASE, NUCLEIC ACID ENCODING
; FILE REFERENCE: 480140.434C1
; CURRENT APPLICATION NUMBER: US/09/187,789
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 58
; LENGTH: 56
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-187-789-58

Query Match 87.5%; Score 28; DB 3; Length 56;
Best Local Similarity 80.0%; Pred. No. 1.9e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 31 CRGDE 35

RESULT 57
US-09-139-600-53

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; Sequence 53, Application US/09139600
; Patent No. 6432628
; GENERAL INFORMATION:
; APPLICANT: Fernandez-Alnemri, Emad S.
; TITLE OF INVENTION: CASPASS-14, AN APOTOTIC PROTEASE, NUCLEIC ACID ENCODING
; FILE REFERENCE: 480140.434
; CURRENT FILING DATE: 1998-08-25
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 53
; LENGTH: 56
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-139-600-53

Query Match      87.5%; Score 28; DB 4; Length 56;
Best Local Similarity 80.0%; Pred. No. 1.9e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      31 CRGDE 35

RESULT 58
US-09-989-903-58
; Sequence 58, Application US/09989903
; Patent No. 6797812
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: CASPASS-14, AN APOTOTIC PROTEASE, NUCLEIC ACID ENCODING
; FILE REFERENCE: 480140.434D1
; CURRENT FILING DATE: 2002-04-11
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 58
; LENGTH: 56
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-989-903-58

Query Match      87.5%; Score 28; DB 4; Length 56;
Best Local Similarity 80.0%; Pred. No. 1.9e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      31 CRGDE 35

RESULT 59
US-09-621-976-5011
; Sequence 5011, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 5011
; LENGTH: 131
; TYPE: PRT
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; ORGANISM: Homo sapiens
US-09-621-976-5011

Query Match      87.5%; Score 28; DB 4; Length 131;
Best Local Similarity 80.0%; Pred. No. 4e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      106 CQGDD 110

RESULT 60
US-09-489-039A-13402
; Sequence 13402, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 13402
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-13402

Query Match      87.5%; Score 28; DB 4; Length 192;
Best Local Similarity 80.0%; Pred. No. 5.7e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      2 CRGED 6

RESULT 61
US-09-949-016-6648
; Sequence 6648, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6648
; LENGTH: 416
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-6648

Query Match      87.5%; Score 28; DB 4; Length 416;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      57 CRGED 61
```


RESULT 62
US-08-705-771-18
; Sequence 18, Application US/08705771
; Patent No. 6054289
; GENERAL INFORMATION:
; APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
; APPLICANT: Jian Ni and Jing-Shan Hu
; TITLE OF INVENTION: Human Genes, Sequences and
; TITLE OF INVENTION: Expression Products
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/705,771
; FILING DATE: August 30, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-346 (PF196)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 973-994-1700
; TELEFAX: 973-994-1744
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 417 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-705-771-18

Query Match 87.5%; Score 28; DB 3; Length 417;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 57 CRGED 61

RESULT 63
US-09-417-540-18
; Sequence 18, Application US/09417540
; Patent No. 6639052
; GENERAL INFORMATION:
; APPLICANT: Paul Moore, Reiner Gentz, Hongjin Ji,
; APPLICANT: Jian Ni and Jing-Shan Hu
; TITLE OF INVENTION: Human Genes, Sequences and
; TITLE OF INVENTION: Expression Products
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE

COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/417,540
FILING DATE: 14-Oct-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/705,771
FILING DATE: August 30, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 325800-346 (PF196)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 973-994-1700
TELEFAX: 973-994-1744
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 417 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-417-540-18

Query Match 87.5%; Score 28; DB 4; Length 417;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 57 CRGED 61

RESULT 64
US-08-983-502-10
; Sequence 10, Application US/08983502
; Patent No. 6399327
; GENERAL INFORMATION:
; APPLICANT: David WALLACH
; APPLICANT: Mark P. BOLDIN
; APPLICANT: Tanya M. GONCHAROV
; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
; TITLE OF INVENTION: AND OTHER PROTEINS
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/983,502
; FILING DATE: 16-JAN-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/10521
; FILING DATE: 14-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 114,615
; FILING DATE: 16-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 114,986
; FILING DATE: 17-AUG-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 115,319

;; FILING DATE: 14-SEP-1995
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: IL 116,588
;; FILING DATE: 27-DEC-1995
;; PRIOR APPLICATION DATA: IL 117,932
;; FILING DATE: 16-APR-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Browdy, Roger L.
;; REGISTRATION NUMBER: 25,618
;; REFERENCE/DOCKET NUMBER: WALLACH=19
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 628-5197
;; TELEFAX: (202) 737-3528
;; INFORMATION FOR SEQ ID NO: 10:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 421 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-983-502-10

Query Match 87.5%; Score 28; DB 3; Length 421;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 289 CRGDE 293

RESULT 65
US-09-516-747-10
; Sequence 10, Application US/09516747
; Patent No. 6586571

;; GENERAL INFORMATION:
;; APPLICANT: David WALLACH
;; Mark P. BOLDIN
;; Tanya M. GONCHAROV
;; Yury V. GOLTSSEV

;; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS
;; AND OTHER PROTEINS

;; NUMBER OF SEQUENCES: 34

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Browdy and Neimark
;; STREET: 419 Seventh Street N.W., Ste. 300
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20004

;; COMPUTER READABLE FORM:

;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/516,747
;; FILING DATE: 01-Mar-2000

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: 08/983,502
;; FILING DATE: <Unknown>
;; APPLICATION NUMBER: IL 114,615
;; FILING DATE: 16-JUL-1995
;; APPLICATION NUMBER: IL 114,986
;; FILING DATE: 17-AUG-1995
;; APPLICATION NUMBER: IL 115,319
;; FILING DATE: 14-SEP-1995
;; APPLICATION NUMBER: IL 116,588
;; FILING DATE: 27-DEC-1995
;; APPLICATION NUMBER: IL 117,932
;; FILING DATE: 16-APR-1996

;; ATTORNEY/AGENT INFORMATION:

;; NAME: Browdy, Roger L.
;; REGISTRATION NUMBER: 25,618
;; REFERENCE/DOCKET NUMBER: WALLACH=19
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 628-5197
;; TELEFAX: (202) 737-3528
;; INFORMATION FOR SEQ ID NO: 10:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 421 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-09-516-747-10

Query Match 87.5%; Score 28; DB 4; Length 421;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 289 CRGDE 293

RESULT 66

PCT-US96-10521-10

;; Sequence 10, Application PC/TUS9610521

;; GENERAL INFORMATION:

;; APPLICANT:

;; TITLE OF INVENTION: MODULATORS OF THE FUNCTION OF FAS RECEPTORS

;; AND OTHER PROTEINS

;; NUMBER OF SEQUENCES: 34

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: Patent In Release #1.0, Version #1.30 (BPO)

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: PCT/US96/10521

;; FILING DATE:

;; CLASSIFICATION:

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 114,615

;; FILING DATE: 16-JUL-1995

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 114,986

;; FILING DATE: 17-AUG-1995

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 115,319

;; FILING DATE: 14-SEP-1995

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 116,588

;; FILING DATE: 27-DEC-1995

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: IL 117,932

;; FILING DATE: 16-APR-1996

;; INFORMATION FOR SEQ ID NO: 10:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 421 amino acids

;; TYPE: amino acid

;; STRANDEDNESS: single

;; TOPOLOGY: linear

;; MOLECULE TYPE: protein

PCT-US96-10521-10

Query Match 87.5%; Score 28; DB 5; Length 421;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
Db 289 CRGDE 293

RESULT 67
US-09-252-991A-25316
; Sequence 25316, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 25316
; LENGTH: 426
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-25316

Query Match 87.5%; Score 28; DB 4; Length 426;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 225 CRGDE 229

RESULT 68
US-09-489-039A-8143
; Sequence 8143, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 2709-2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 8143
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-8143

Query Match 87.5%; Score 28; DB 4; Length 433;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 281 CRGED 285

RESULT 69
US-08-258-287B-53
; Sequence 53, Application US/08258287B
; Patent No. 6083735
; GENERAL INFORMATION:
; APPLICANT: Yuan, Junying
; APPLICANT: Miura, Masayuki
; TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox

STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/258,287B
FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/080,850
FILING DATE: 24-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Bugalsky, Lawrence B.
REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 0609.3920001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
TELEX: 248636 SSK
INFORMATION FOR SEQ ID NO: 53
SEQUENCE CHARACTERISTICS:
LENGTH: 435 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-258-287B-53

Query Match 87.5%; Score 28; DB 3; Length 435;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 303 CRGDE 307

RESULT 70
US-08-368-704C-51
; Sequence 51, Application US/08368704C
; Patent No. 6087160
; GENERAL INFORMATION:
; APPLICANT: Yuan, Junying
; APPLICANT: Miura, Masayuki
; TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/368,704C
FILING DATE: 4-JAN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/258,287
FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/080,850

;; FILING DATE: 24-JUN-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Bugalsky, Lawrence B.
;; REGISTRATION NUMBER: 35,086
;; REFERENCE/DOCKET NUMBER: 0609.3920002
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 371-2600
;; TELEFAX: (202) 371-2540
;; TELEX: 248636 SSK
;; INFORMATION FOR SEQ ID NO: 51:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 435 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-368-704C-51

Query Match 87.5%; Score 28; DB 3; Length 435;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 303 CRGDE 307

RESULT 71
US-09-561-756-9
;; Sequence 9, Application US/09561756
;; Patent No. 6376226
;; GENERAL INFORMATION:
;; APPLICANT: Alnemri, Emad S.
;; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES
;; FILE REFERENCE: 480140.431
;; CURRENT APPLICATION NUMBER: US/09/561,756
;; PRIOR FILING DATE: 2000-04-26
;; PRIOR APPLICATION NUMBER: 09/227,721
;; NUMBER OF SEQ ID NOS: 116
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 9
;; LENGTH: 435
;; TYPE: PRT
;; ORGANISM: Homo sapien
US-09-561-756-9

Query Match 87.5%; Score 28; DB 3; Length 435;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 303 CRGDE 307

RESULT 72
US-09-227-721-9
;; Sequence 9, Application US/09227721
;; Patent No. 6379950
;; GENERAL INFORMATION:
;; APPLICANT: Alnemri, Emad S.
;; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USES
;; FILE REFERENCE: 480140.431
;; CURRENT APPLICATION NUMBER: US/09/227,721
;; CURRENT FILING DATE: 1999-01-08
;; NUMBER OF SEQ ID NOS: 116
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 9
;; LENGTH: 435
;; TYPE: PRT
;; ORGANISM: Homo sapien

US-09-227-721-9

Query Match 87.5%; Score 28; DB 3; Length 435;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 303 CRGDE 307

RESULT 73
US-08-816-075-2
;; Sequence 2, Application US/08816075
;; Patent No. 6416753
;; GENERAL INFORMATION:
;; APPLICANT: Yuan, Junying
;; APPLICANT: Friedlander, Robert
;; TITLE OF INVENTION: Programmed Cell Death and Interleukin-1
;; NUMBER OF SEQUENCES: 3
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
;; STREET: 1100 New York Ave., N.W.
;; CITY: Washington
;; STATE: DC
;; COUNTRY: USA
;; ZIP: 20005
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/816,075
;; FILING DATE: 13-MAR-1997
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/013,524
;; FILING DATE: 15-MAR-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Bugalsky, Lawrence B.
;; REGISTRATION NUMBER: 35,086
;; REFERENCE/DOCKET NUMBER: 0609.421001/JAG/LBB
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-371-2600
;; TELEFAX: 202-371-2540
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 435 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-816-075-2

Query Match 87.5%; Score 28; DB 4; Length 435;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 CRGDD 5
DB 303 CRGDE 307

RESULT 74
US-08-724-378D-9
;; Sequence 9, Application US/08724378D
;; Patent No. 6512104
;; GENERAL INFORMATION:
;; APPLICANT: JUAN, SHAO-CHIEH
;; APPLICANT: FLETCHER, FREDERICK A.
;; APPLICANT: PATTERSON, SCOTT D.
;; TITLE OF INVENTION: INTERLEUKIN 1-BETA CONVERTING ENZYME LIKE CYSTEINE
;; PROTEASE

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; FILE REFERENCE: 06843-0019-00000
; CURRENT APPLICATION NUMBER: US/08/724,378D
; CURRENT FILING DATE: 1996-10-01
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 435
; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-724-378D-9

Query Match      87.5%; Score 28; DB 4; Length 435;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      303 CRGDE 307

RESULT 75
US-09-954-697-9
; Sequence 9, Application US/09954697
; Patent No. 6610541
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: RECOMBINANT, ACTIVE CASPASES AND USSES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 480140.431D2
; CURRENT APPLICATION NUMBER: US/09/954,697
; CURRENT FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 435
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-954-697-9

Query Match      87.5%; Score 28; DB 4; Length 435;
Best Local Similarity 80.0%; Pred. No. 1.2e+03;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 CRGDD 5
Db      303 CRGDE 307

Search completed: September 7, 2005, 20:10:56
Job time : 55 secs
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